Connecting via Winsock to STN

* * * * * * * * * *   Welcome to STN International   * * * * * * * * * *

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NEWS  1              Web Page URLs for STN Seminar Schedule - N. America
NEWS  2              "Ask CAS" for self-help around the clock
NEWS  3    FEB 27    New STN AnaVist pricing effective March 1, 2006
NEWS  4    MAY 10    CA/CAplus enhanced with 1900-1906 U.S. patent records
NEWS  5    MAY 11    KOREAPAT updates resume
NEWS  6    MAY 19    Derwent World Patents Index to be reloaded and enhanced
NEWS  7    MAY 30    IPC 8 Rolled-up Core codes added to CA/CAplus and
                     USPATFULL/USPAT2
NEWS  8    MAY 30    The F-Term thesaurus is now available in CA/CAplus
NEWS  9    JUN 02    The first reclassification of IPC codes now complete in
                     INPADOC
NEWS 10    JUN 26    TULSA/TULSA2 reloaded and enhanced with new search and
                     and display fields
NEWS 11    JUN 28    Price changes in full-text patent databases EPFULL and PCTFULL
NEWS 12    JU1 11    CHEMSAFE reloaded and enhanced
NEWS 13    JU1 14    FSTA enhanced with Japanese patents
NEWS 14    JU1 19    Coverage of Research Disclosure reinstated in DWPI
NEWS 15    AUG 09    INSPEC enhanced with 1898-1968 archive
NEWS 16    AUG 28    ADISCTI Reloaded and Enhanced
NEWS 17    AUG 30    CA(SM)/CAplus(SM) Austrian patent law changes
NEWS 18    SEP 11    CA/CAplus enhanced with more pre-1907 records
NEWS 19    SEP 21    CA/CAplus fields enhanced with simultaneous left and right
                     truncation
NEWS 20    SEP 25    CA(SM)/CAplus(SM) display of CA Lexicon enhanced
NEWS 21    SEP 25    CAS REGISTRY(SM) no longer includes Concord 3D coordinates
NEWS 22   ·SEP 25    CAS REGISTRY(SM) updated with amino acid codes for pyrrolysine
NEWS 23    SEP 28    CEABA-VTB classification code fields reloaded with new
                     classification scheme

NEWS EXPRESS   JUNE 30 CURRENT WINDOWS VERSION IS V8.01b, CURRENT
               MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
               AND CURRENT DISCOVER FILE IS DATED 26 JUNE 2006.

NEWS HOURS     STN Operating Hours Plus Help Desk Availability
NEWS LOGIN     Welcome Banner and News Items
NEWS IPC8      For general information regarding STN implementation of IPC 8
NEWS X25       X.25 communication option no longer available
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Enter NEWS followed by the item number or name to see news on that
specific topic.

* * * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * * * *

```
FILE 'HOME' ENTERED AT 17:09:10 ON 13 OCT 2006

=> file reg
COST IN U.S. DOLLARS                              SINCE FILE      TOTAL
                                                    ENTRY        SESSION
FULL ESTIMATED COST                                  0.21         0.21

FILE 'REGISTRY' ENTERED AT 17:09:36 ON 13 OCT 2006
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2006 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES:   12 OCT 2006  HIGHEST RN 910292-60-3
DICTIONARY FILE UPDATES:  12 OCT 2006  HIGHEST RN 910292-60-3

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

   Please note that search-term pricing does apply when
   conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document.  For information
on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

=> s singulair/cn
L1            1 SINGULAIR/CN

=> s zafirlucast/cn
L2            0 ZAFIRLUCAST/CN

=> s zafirlucast
              0 ZAFIRLUCAST
L3            0 ZAFIRLUCAST

=> s zafirlucast
              0 ZAFIRLUCAST
L4            0 ZAFIRLUCAST

=> s zafirlukast
L5            3 ZAFIRLUKAST

=> s zafirlukast/cn
L6            1 ZAFIRLUKAST/CN

=> file medicine
FILE 'DRUGMONOG' ACCESS NOT AUTHORIZED
COST IN U.S. DOLLARS                              SINCE FILE      TOTAL
                                                    ENTRY        SESSION
FULL ESTIMATED COST                                 29.88        30.09

FILE 'ADISCTI' ENTERED AT 17:11:15 ON 13 OCT 2006
COPYRIGHT (C) 2006 Adis Data Information BV

FILE 'ADISINSIGHT' ENTERED AT 17:11:15 ON 13 OCT 2006
COPYRIGHT (C) 2006 Adis Data Information BV

FILE 'ADISNEWS' ENTERED AT 17:11:15 ON 13 OCT 2006
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FILE 'NAPRALERT' ENTERED AT 17:11:15 ON 13 OCT 2006

FILE 'NLDB' ENTERED AT 17:11:15 ON 13 OCT 2006

FILE 'NUTRACEUT' ENTERED AT 17:11:15 ON 13 OCT 2006

FILE 'PASCAL' ENTERED AT 17:11:15 ON 13 OCT 2006

FILE 'PCTGEN' ENTERED AT 17:11:15 ON 13 OCT 2006

FILE 'PHARMAML' ENTERED AT 17:11:15 ON 13 OCT 2006

FILE 'PHIC' ENTERED AT 17:11:15 ON 13 OCT 2006

FILE 'PHIN' ENTERED AT 17:11:15 ON 13 OCT 2006

FILE 'SCISEARCH' ENTERED AT 17:11:15 ON 13 OCT 2006

FILE 'TOXCENTER' ENTERED AT 17:11:15 ON 13 OCT 2006

FILE 'USPATFULL' ENTERED AT 17:11:15 ON 13 OCT 2006

FILE 'USPAT2' ENTERED AT 17:11:15 ON 13 OCT 2006

=> periodic fever syndrome
PERIODIC IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

=> s periodic fever syndrome
  31 FILES SEARCHED...
L7   1100 PERIODIC FEVER SYNDROME

=> s 17 and 16
'CN' IS NOT A VALID FIELD CODE
'CN' IS NOT A VALID FIELD CODE
'CN' IS NOT A VALID FIELD CODE
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'CN' IS NOT A VALID FIELD CODE

```
=> s l7 and l1
'CN' IS NOT A VALID FIELD CODE
'CN' IS NOT A VALID FIELD CODE
'CN' IS NOT A VALID FIELD CODE
'CN' IS NOT A VALID FIELD CODE
'CN' IS NOT A VALID FIELD CODE
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'CN' IS NOT A VALID FIELD CODE
'CN' IS NOT A VALID FIELD CODE
L9              0 L7 AND L1

=> s l7 and leukotriene receptor
  23 FILES SEARCHED...
L10            9 L7 AND LEUKOTRIENE RECEPTOR

=> rem dup
DUP IS NOT VALID HERE
```

The DELETE command is used to remove various items stored by the
system.

To delete a saved query, saved answer set, saved L-number list, SDI
request, batch request, mailing list, or user-defined cluster, format,
or search field, enter the name. The name may include ? for left,
right, or simultaneous left and right truncation.

Examples:

```
  DELETE BIO?/Q          - delete query names starting with BIO
  DELETE ?DRUG/A         - delete answer set names ending with DRUG
  DELETE ?ELEC?/L        - delete L-number lists containing ELEC
  DELETE ANTICOAG/S      - delete SDI request
  DELETE ENZYME/B        - delete batch request
  DELETE .MYCLUSTER      - delete user-defined cluster
  DELETE .MYFORMAT       - delete user-defined display format
  DELETE .MYFIELD        - delete user-defined search field
  DELETE NAMELIST MYLIST - delete mailing list
```

To delete an ordered document or an offline print, enter its
number.

Examples:

```
  DELETE P123001C        - delete print request
  DELETE D134002C        - delete document order request
```

To delete an individual L-number or range of L-numbers, enter the
L-number or L-number range. You may also enter DELETE LAST followed
by a number, n, to delete the last n L-numbers. RENUMBER or
NORENUMBER may also be explicitly specified to override the value of
SET RENUMBER.

Examples:

```
  DELETE L21             - delete a single L-number
  DELETE L3-L6           - delete a range of L-numbers
  DELETE LAST 4          - delete the last 4 L-numbers
  DELETE L33-            - delete L33 and any higher L-number
  DELETE -L55            - delete L55 and any lower L-number
```

```
    DELETE L2-L6 RENUMBER  - delete a range of L-numbers and
                             renumber remaining L-numbers
    DELETE RENUMBER        - renumber L-numbers after deletion of
                             intermediate L-numbers
```

Entire sets of saved items, SDI requests, batch requests, user-defined
items, or E-numbers can be deleted.

Examples:

```
    DELETE SAVED/Q - delete all saved queries
    DELETE SAVED/A - delete all saved answer sets
    DELETE SAVED/L - delete all saved L-number lists
    DELETE SAVED   - delete all saved queries, answer sets,
                     and L-number lists
    DELETE SAVED/S - delete all SDI requests
    DELETE SAVED/B - delete all batch requests
    DELETE CLUSTER - delete all user-defined clusters
    DELETE FORMAT  - delete all user-defined display formats
    DELETE FIELD   - delete all user-defined search fields
    DELETE SELECT  - delete all E-numbers
    DELETE HISTORY - delete all L-numbers and restart the
                     session at L1
```

To delete an entire multifile SDI request, enter DELETE and
the name of the request. To delete a component from the
multifile SDI, enter DELETE and the name of the component.

```
=> dup rem
ENTER L# LIST OR (END):l10
DUPLICATE IS NOT AVAILABLE IN 'ADISINSIGHT, ADISNEWS, DGENE, DRUGMONOG2,
IMSPRODUCT, KOSMET, NUTRACEUT, PCTGEN, PHARMAML'.
ANSWERS FROM THESE FILES WILL BE CONSIDERED UNIQUE     .
PROCESSING COMPLETED FOR L10
L11            2 DUP REM L10 (7 DUPLICATES REMOVED)

=> d l11 1-2 bib, ab

L11  ANSWER 1 OF 2  BIOTECHNO  COPYRIGHT 2006 Elsevier Science B.V. on STN
     DUPLICATE
AN   2002:36526654   BIOTECHNO
TI   Overt and occult rheumatic diseases: The child with chronic fever
AU   Frenkel J.; Kuis W.
CS   Dr. J. Frenkel, Department of General Pediatrics, Wilhelmina Children's
     Hospital, University Medical Center Utrecht, P.O. Box 85090, 3580AB
     Utrecht, Netherlands.
SO   Bailliere's Best Practice and Research in Clinical Rheumatology, (2002),
     16/3 (443-469), 80 reference(s)
     CODEN: BBPRFF  ISSN: 1521-6942
DT   Journal; General Review
CY   United Kingdom
LA   English
SL   English
AB   Identification of the genes involved in hereditary periodic
     fever syndromes has led to the recognition of a new
     pathophysiological category, the autoinflammatory disorders. The main
     non-hereditary autoinflammatory disease in childhood is systemic juvenile
     idiopathic arthritis (sJIA), others being the chronic infantile
     neurological cutaneous arthropathy (CINCA) syndrome and the periodic
     fever, aphthous stomatitis, pharyngitis and adenopathy (PFAPA) syndrome.
     Familial Mediterranean fever (FMF) has been traced to mutations in the
     MEFV gene. Mutations in the MVK gene, encoding the enzyme mevalonate
     kinase, cause the hyper-IgD periodic fever
     syndrome (HIDS). The tumour necrosis factor(TNF)-receptor-
     associated periodic syndromes (TRAPS) have been linked to mutations in
```

the TNFRSFIA gene, encoding a TNF-α receptor, and the CIASI gene is
mutated in familial cold autoinflammatory syndrome. We discuss how this
knowledge has influenced diagnosis and treatment of these rare genetic
disorders and how it might change our approach to the more common
rheumatic diseases.

L11   ANSWER 2 OF 2   BIOSIS   COPYRIGHT (c) 2006 The Thomson Corporation   on STN
        DUPLICATE 2
AN   2001:423321   BIOSIS
DN   PREV200100423321
TI   Increased urinary leukotriene E4 during febrile attacks in the
        hyperimmunoglobulinaemia D and periodic fever
        syndrome.
AU   Frenkel, J. [Reprint author]; Willemsen, M. A. A. P.; Weemaes, C. M. R.;
        Dorland, L.; Mayatepek, E.
CS   Department of General Pediatrics, Wilhelmina Children's Hospital,
        University Medical Center Utrecht, KE.04.133.1, 3580AB, Utrecht,
        Netherlands
        j.frenkel@wkz.azu.nl
SO   Archives of Disease in Childhood, (August, 2001) Vol. 85, No. 2, pp.
        158-159. print.
        CODEN: ADCHAK. ISSN: 0003-9888.
DT   Article
LA   English
ED   Entered STN: 5 Sep 2001
        Last Updated on STN: 22 Feb 2002
AB   Background-The hyperimmunoglobulinaemia D and periodic
        fever syndrome is a hereditary periodic fever, caused by
        deficiency of the enzyme mevalonate kinase. It is unclear how this defect
        leads to recurrent fever episodes. Aim-To assess the involvement of
        cysteinyl leukotrienes in the pathogenesis of fever attacks as reflected
        by urinary leukotriene E4 (LTE4) excretion. Methods-Urinary LTE4 was
        measured in seven patients while febrile and afebrile. Results-LTE4 was
        raised during fever in all subjects (46-199 nmol/mol creatinine, mean 92;
        normal <40). Urinary LTE4 was normal between attacks, as well as in
        normal children with fever as a result of miscellaneous causes.
        Conclusion-Our results suggest that cysteinyl leukotrienes play a role in
        the pathophysiology of this disorder. As no effective treatment is yet
        available, leukotriene receptor antagonists might
        offer a new therapeutic approach for patients with the
        hyperimmunoglobulinaemia D and periodic fever
        syndrome.

=> d l11 1 kwic

L11   ANSWER 1 OF 2   BIOTECHNO   COPYRIGHT 2006 Elsevier Science B.V. on STN
        DUPLICATE
AB   Identification of the genes involved in hereditary periodic
        fever syndromes has led to the recognition of a new
        pathophysiological category, the autoinflammatory disorders. The main
        non-hereditary autoinflammatory disease in childhood. . . traced to
        mutations in the MEFV gene. Mutations in the MVK gene, encoding the
        enzyme mevalonate kinase, cause the hyper-IgD periodic
        fever syndrome (HIDS). The tumour necrosis
        factor(TNF)-receptor-associated periodic syndromes (TRAPS) have been
        linked to mutations in the TNFRSFIA gene, encoding a TNF-α. . .
CT.   . . arthritis; periodic fever aphthous stomatitis pharyngitis and
        adenopathy syndrome; prognosis; tonsillectomy; familial Mediterranean
        fever; gene mutation; genetic code; hyperimmunoglobulinemia D
        periodic fever syndrome; clinical feature;
        genetic disorder; inflammatory disease; autoimmune disease; common cold;
        epidemiological data; abdominal cramp; diarrhea; vomiting; adenoidectomy;
        tumor necrosis factor. . . colchicine; nonsteroid antiinflammatory
        agent; corticosteroid; hydroxymethylglutaryl coenzyme A reductase

inhibitor; hypocholesterolemic agent; interleukin 6 antibody; tumor
necrosis factor alpha antibody; leukotriene receptor
blocking agent; prednisolone; etanercept; steroid; infliximab;
cimetidine; prednisone; interleukin 6; perforin; antirheumatic agent;
salazosulfapyridine; methotrexate; cytostatic agent; unclassified drug

=> logg off
LOGG IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

=> log off
ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF
LOGOFF? (Y)/N/HOLD:y
STN INTERNATIONAL LOGOFF AT 17:14:44 ON 13 OCT 2006